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EXECUTIVE SECRETARIAT
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TO:

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7	DDO				
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9	Chm/NIC				
10	GC				
11	IG				
12	Compt				
13	D/OLL				
14	D/PAO				
15	VC/NIC		X		
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17	C/TTIC		X		
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Remarks

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Executive Secretary

15 Aug 85

Date

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United States Department of State

Washington, D.C. 20520

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August 14, 1985

Executive Registry

85- 207/3

Senior Interagency Group No. 23

TO:

Commerce - Mrs. Helen Robbins
Defense - COL David Brown
Energy - Mr. William Vitale
FBI - Mr. James Geer
Justice - Mr. Stephen Galebach
NASA - Mr. Kenneth Pedersen
NSA - [redacted]
OMB - Mr. Alton Keel
OSTP - Dr. George Keyworth
NSC - Mr. William Martin
NSF - Dr. Bodo Bartocha

85-2842/1

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SUBJECT: SIG/TT Executive Committee Meeting

Attached is the Summary of Conclusions for the Executive Committee meeting of the SIG on domestic safeguards on supercomputers, held on August 12, 1985.

Nicholas Platt
Nicholas Platt
Executive Secretary

Attachments:

1. Summary of Conclusions.
2. List of Participants.

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United States Department of State ⁸⁵⁻²⁸⁴²

Washington, D.C. 20520

August 13, 1985

SECRET

PARTICIPANTS: See Attached List

DATE AND TIME: Monday, August 12, 1985 at 3:00 p.m.

PLACE: Room 1105, Department of State

SUBJECT: Domestic Safeguards for
Supercomputers

SUMMARY OF CONCLUSIONS

Under Secretary Schneider convened the Executive Committee of the SIG to reach an agreed interagency position on U.S. policy regarding domestic safeguards for supercomputers. The Under Secretary opened the meeting by underscoring the reasons for U.S. concern about uncontrolled access to supercomputers. He reviewed for the group the existing international regime that prohibits access for COCOM proscribed nationals. Mr. Schneider noted that the Japanese have been particularly vigorous in enforcing domestic safeguards; they have already denied 3 dozen visa applications on this basis. He added that if we are to maintain the safeguard agreements contained in the existing international regime, we must design and implement a US regime that is the functional equivalent of the international regime.

The following is a summary of issues discussed by the SIG Executive Committee:

Issue I: Category I - USG Owned and Operated Supercomputers: Should the U.S. Government apply a strict "no access" rule to supercomputers owned and operated by U.S. Government Agencies?

All USG agencies with the exception of DOE and OSTP agreed that USG owned and operated machines should have a strict "no access" rule applied to COCOM proscribed nations. OSTP and DOE indicated that they had not been briefed on the national security threat of COCOM proscribed national's use of the machine, and felt that the facts for restricting access were not well developed. However, it was stated that DOE was an active participant in the conceptualization and negotiation of the US-Japanese supercomputer agreement.

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NSA offered to provide a briefing for OSTP and DOE. OSTP and DOE said that they were planning a trip to Los Alamos at the end of next week, and would be briefed there as well. OSTP and DOE asked the group to reserve judgment on the issue until they returned from Los Alamos. The Chairman agreed.

Issue II: Category II - Privately Owned & Operated Supercomputers - The U.S. Government should restrict and/or deny access to COCOM proscribed nationals to universities and private sector supercomputers through:

Option 1: No access (accomplished through the visa process as a first step);

Option 2: No access with some limited exceptions (enforced by a combination of the visa process and a procedure for the US Government to grant exceptions); or

Option 3: Indirect access (through a monitoring process enforced by the supercomputer managers.

The issue of treatment of PRC nationals as a COCOM proscribed nation was raised by NSF. The group agreed that the PRC question could be dealt with in a manner consistent with COCOM guidelines.

After some discussion, the Under Secretary agreed that this issue should be considered along with that of Issue V -- consultations with the academic community. It was agreed that a team, led by the State Department and including all those involved in the international negotiations (plus NSF), would visit several universities to consult with the academic community on this question. The baseline proposal presented to the academic community would be the "no access" policy, with a view towards entering into a dialogue with them. He said that the SIG/TT would revisit this issue in September after the team visits.

Issue III: Should NSF funded and controlled supercomputer centers be treated as US Government owned and operated computers (regime discussed in Issue I) or as private computers (regime discussed in Issue II)?

Under Secretary Schneider said that the Supercomputer Working Group recommended that these machines be placed in the second category. NSF agreed, and the group concurred.

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Issue IV: Voluntary Guidelines for Physical Security on Supercomputer Facilities.

NSF said that they found all of the guidelines in the options memo satisfactory with the exception of the security measures on remote terminals. This was impracticable given sheer numbers. NSF suggested that better security should be put in front end computers. The group accepted all other guidelines, and asked the Supercomputer Working Group to re-think the remote terminal issue.

Issue V: Consultations with the Academic Community

The group decided this issue in the context of Issue II.

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SIG TT - Supercomputers
Monday, August 12, 1985
3:00 p.m., Room 1105

<u>Name</u>	<u>Agency</u>	<u>Phone</u>
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Stephen Bryen	DOD	697-9347
George Menas	DOD	694-4625
Al Trivelpiece	DOE	252-5430
Carl Thorne	DOE:DP	252-2112
Don Ofte	DOE:DP	252-2179
Harry W. Porter	FBI	324-4646
Roger Diehl	FBI	324-4646
J. Michael Shepherd	Justice	633-4604
Rick Cinquegrara	Justice	633-5604
Douglas Norton	NASA	453-8458
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Clifford Jacobs	NSF	357-9695
John Moore	NSF	357-9427
Arthur J. Kusinski	NSF	357-9445
Dan Taft	OMB	395-3285
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John McTague	OSTP	395-3961
Ora Smith	OSTP	395-5052
Michael Marks	State	632-8071
Pam Smith	State	632-8724
Sherwood McGinnis	State	632-0533
David Wilson	State	632-1421
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Dale Tahtinen	State:EB/ITC	632-1625
Jerry W. Leach	State:PM	632-5097
Ken Peoples	State:PM	632-1236
Ralph A. Hallenbeck	State:PM	632-0440
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